

Thank you for selecting the XPS Micro Electronic Speed Control.

Team Associated wants you to enjoy the operation of your new XPS Micro Electronic Speed Control (ESC). If you experience any problems or need assistance with the setup or your ESC, please contact us and we will do our very best to help you.

Customer Support

Tel: 714.850.9342

Fax: 714.850.1744

Hours: 8:00am - 4:00pm, pst

<http://www.rc10.com>

<http://www.TeamAssociated.com>

XPS Features

- Uses the latest SMD-MOS FET's for more power and extended run times.
- Forward/Reverse Speed Control with switchable Forward-Only Racing mode*.
- Real-Time Braking
- Plug-and-play setup.
- Compact size; fits most vehicles.

Precautions

- Never run your vehicle in water. This could result in an electronic device shorting out and causing a fire.
- Connecting a separate battery pack to the motor while the XPS ESC is connected to the motor may ruin the ESC. This will void your warranty.
- Avoid incorrect connections. Reverse polarity will damage the unit and void your warranty.
- Do not let output tabs (where wires connect to ESC) touch any other surface. This may short your ESC and void your warranty.
- Do not attach a Schottky diode to your XPS ESC or motor. This will ruin the forward/reverse ESC and void your warranty.

Specifications

Product Name:	XPS
Product Part Number:	29136
Voltage Input:	4.8 - 8.5 Volts
Internal Resistance:	0.0045ohm
Momentary Load (1 sec):	50A
Brief Load (30 sec):	30A
Continuous Load (5 min):	20A
Recommended Motor:	Micro Motor
BEC Voltage:	5V
BEC Current:	1A
Frequency:	2.8KHz
Reverse:	Yes
Overload Protection:	Yes
Setup Procedure:	Digital/Push Button
Mode Switch (Reverse/Brake):	Yes
Weight:	31g
Case Dimension:	26 x 25.6 x 15.6mm

Installation

Before installing the electronic speed control (ESC) into your vehicle, please read the instruction manual carefully.

1. Using double-sided tape, mount the ESC to the chassis.
2. Connect the ESC to the receiver by installing the plug into channel 2 on the receiver.
3. Connect the single red wire of the ESC to the single red wire on the motor.
4. Connect the single black wire of the ESC to the single black wire on the motor.
5. Make sure switch on the ESC is turned OFF. Connect the white plug on the ESC to the plug on the battery pack. ESC is now ready to be set up.

Setup Procedure

Follow the instructions below to setup your XPS ESC.

1. Turn the transmitter on.
2. Turn the ESC switch on.
3. Using a plastic tool, press and hold the ESC 'Set' button for at least 3 seconds. The setup LED will flash red/green to confirm that the unit is in setup mode.
4. Leaving the transmitter trigger at neutral, press the setup button once. The 'Throttle Neutral' setting has been stored, and the setup LED is now green.
5. Pull the transmitter trigger back to full throttle and press the setup button once. Release trigger. The 'Throttle Full' setting as been stored, and the setup LED is now red.
6. Push the throttle trigger forward to full brake and press the setup button once. The 'Brake Full' setting has been stored, and the setup LED flashes red/green 3 times simultaneously.

Your XPS Electronic Speed Control has been set and your vehicle is ready to run. If you make a mistake during the setup procedure, don't worry; disconnect the battery for about 10 seconds and start over with step 1.

*Forward-Only Racing Mode

The XPS Micro ESC has a Forward-Only Racing Mode built in. This allows you to turn off reverse for racing purposes.

To turn reverse off (Forward-Only Racing Mode):

- 1) Make sure XPS Micro ESC is turned off.
- 2) While holding down the ESC Set button, turn your ESC on. Forward-Only Racing Mode has been engaged.

To turn reverse on (Forward/Reverse Sport Mode):

- 1) Make sure XPS Micro ESC is turned off.
- 2) While holding down the ESC Set button, turn your ESC on. Forward/Reverse Sport Mode has been engaged.

XPS Micro ESC Service & Limited Lifetime Replacement Plan

Your new XPS Micro Electronic Speed Control is warranted to the original purchaser for 90 days from the date of purchase against defects in materials and workmanship. During this period, Associated Electrics, Inc. will repair or replace, at our discretion, any defective components. This warranty is for the original product only and does not extend to any model car/boat, engine, property, or gives you specific legal rights. You may also have other rights, which vary from State to State.

If you are the original owner of an out-of-warranty XPS Micro Electronic Speed Control (Micro ESC), Associated Electrics, Inc. will make a replacement XPS Micro ESC available to you on an exchange, or trade in, basis. You may trade in your old or broken XPS Micro ESC, along with a payment of 50% of the current Manufacturer's Suggested Retail Price, for a new XPS Micro ESC. This replacement policy will be in effect as long as Team Associated offers this model of Speed Control.

My XPS Micro ESC is:

In Warranty (90 days) - Service of your XPS Micro ESC

Include with your return:

- 1) A note describing the problems you are having or the service you are requesting. Do not send this letter separately. Packages received without an enclosed letter will be returned to the sender as is.
- 2) A copy of your original sales receipt showing the purchase date.

If the product has been modified or serviced by anyone other than an authorized service center, you will be charged for the repair of your equipment. Modifications which impede normal servicing will be removed at your expense.

3) Payment for any repairs NOT under warranty.

You may request a free estimate before we proceed with repairs. An omission of this request implies permission for service at our discretion.

Out of Warranty (beyond 90 days) - Replacement of your XPS Micro ESC

Include with your return:

- 1) Completed exchange form. XPS Micro ESC
- 2) Your old XPS Micro ESC. #29136 50% off current retail
- 3) Payment, as indicated below.

For exchange, please add the following charges to your payment below:

- 1) California sales tax of 7.75% (for California sales ONLY)
- 2) Shipping and handling of \$7.50.

When sending the unit, package it in a strong cardboard box. Do not include any accessories which you added that are not an original part of the product.

DO NOT return the equipment to the place of purchase as they are not authorized to do any warranty work.

Payment Information

This form must be completely filled out by original owner, one form per XPS Micro ESC exchanged.

PLEASE PRINT CLEARLY

PLEASE DO NOT SEND CASH!

NOTE: Credit card orders are ONLY sent to credit card billing address!

Name: _____
 Address: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Country: _____
 E-Mail: _____
 Phone: (_____) _____

Money Order/Cashier's Check
 VISA MC AmEx Discover

Full name on card: _____
 Card number: _____
 Expiration Date: _____ / _____

Signature: _____

In Warranty

Send the unit by UPS or Insured U.S. Mail to:

Associated Electrics, Inc.

3585 Cadillac Ave.
 Costa Mesa, CA 92626 USA

(We recommend using a shipper's tracking service. Associated is not responsible for any articles shipped to us that are lost in transit.)

Out of Warranty

Send the unit prepaid UPS, Fed Ex, etc. to:

Associated Electrics, Inc.

XPS Speed Control Dept.
 3585 Cadillac Ave.
 Costa Mesa, CA 92626 USA

(We recommend using a shipper's tracking service. Associated is not responsible for any articles shipped to us that are lost in transit.)